

Pit-Bench-Pattern #

S-15-9

Submittal Date

7-11-90

1:30 PM

## BLAST HOLE

Hot NaCN Shake

and

FIRE DETERMINATIONS

DATE: 7/12/90

NAME: Chad A. WD

	FIRE	NaCN		FIRE	NaCN	
		SAMPLE	Au.		SAMPLE	Au.
1.				25.	Standard ✓	.014
2.				26.	165-1	.007
3.				27.	165-2	nil
4.				28.	166	.005
5.				29.	167	.010
6.				30.	168	.026
7.	146	.012	.009	31.	169	.026
8.	Standard ✓		.014	32.	170	.024
9.	147		.012	33.		
10.	148		.016	34.		
11.	149	.031	.027	35.	171	.035
12.	150		.038	36.	172	.017
13.	151	.012	.010	37.	173	.004
14.	152		.007	38.	174	.005
15.	153		.008	39.	175	
16.				40.	176	.012
17.				41.	177	.027
18.	✓6		.029	42.	Standard ✓	.014
19.	154		.013	43.	182	.056
20.	155		.011	44.	183	.016
21.	161	.034	.035	45.	184	.007
22.	162	.003	.005	46.	185	.006
23.	163		.004	47.	186	.003
24.	164		.005	48.	Standard ✓	.015

X 165 net  
Fired,  
Flocculated,  
clogged PA

LJD

BM  
7-18-90

1st-Bench-Pattern #  
5-15-9

Submittal Date

7-11-90 1:30 PM

Brown Mountain Gold Mine  
0116 Edge Project

6/13

BLAST HOLE

Hot NaCN Shake  
and  
FIRE DETERMINATIONS

DATE: 7/12/90  
NAME: Chad G WD

	FIRE	NaCN		FIRE	NaCN
	SAMPLE	Au.		SAMPLE	Au.
1.	187		.004	25.	Standard ✓
2.	188	.026	.022	26.	227-1
3.	189	.015	.010	27.	227-2
4.	190		.010	28.	228
5.	191		.012	29.	229
6.	192		.006	30.	230
7.	193		.018	31.	231
8.	Standard ✓		.015	32.	232
9.	194		.009	33.	
10.	195	.029	.026	34.	
11.	196		.021	35.	233
12.	197		.032	36.	234
13.	203		.014	37.	235
14.	204		.008	38.	236
15.	205	.004	nil	39.	249
16.				40.	250
17.				41.	251
18.	V6		.027	42.	Standard ✓
19.	206		.005	43.	252
20.	207		.004	44.	253
21.	208		.004	45.	254
22.	224	.016	.013	46.	255
23.	225		.006	47.	256
24.	226		.018	48.	Standard ✓

level  
line

\*  
\*  
←

LJD  
7-18-90

AMM  
7-18-90

## Oilt Edge Project

Pit-Bench-Pattern #  
S-15-9

Submittal Date

7-12-90 8:30PM

## BLAST HOLE

Hot NaCN Shake  
and

## FIRE DETERMINATIONS

DATE:

7/13/90

NAME:

Chad A VP

	FIRE	NaCN		FIRE	NaCN
SAMPLE	Au.	Au.		SAMPLE	Au.
1. 209	.011	.012	25.	Standard ✓	
2. 210		-.009	26.		
3. 211		-.002	27.		
4. 212		-.003	28.		
5. 213		-.006	29.		
6. 214		-.010	30.		
7. 215		-.007	31.		
8. Standard ✓		-.015	32.		
9. 216	.005	.009	33.		
10. 217		-.010	34.		
11. 237		-.011	35.		
12.			36.		
13.			37.		
14.			38.		
15.			39.		
16.			40.		
17.			41.		
18.			42. Standard ✓		
19.			43.		
20.			44.		
21.			45.		
22.			46.		
23.			47.		
24.			48.		

VLD  
BNT  
7-13-90

Pit-Bench-Pattern #  
S-15-9

Submittal Date

7-11-90 1:30 PM

## BLAST HOLE

Hot NaCN Shake  
andFIRE DETERMINATIONS

DATE: 7/12/90

NAME: Chad A VO

	FIRE	NaCN	FIRE	NaCN
SAMPLE	Au.	Au.	SAMPLE	Au.
1. 257		.026	25. Standard ✓	
2. 272	.016	.015	26.	
3. 273		.010	27.	
4. 274		.009	28.	
5. 275		.010	29.	
6. 276		.018	30.	
7. 277-1		.010	31.	
8. Standard ✓		.014	32.	
9. 277-2		.009	33.	
10. ✓6		.029	34.	
11. AB-1		.046	35.	
12. AB-2		.046	36.	
13. CD-1		.041	37.	
14. CD-2		.048	38.	
15. ABZ-1		.046	39.	
16.			40.	
17.			41.	
18. ABZ-2		.043	42. Standard ✓	
19. CDZ-1		.044	43.	
20. CDZ-2		.041	44.	
21. Standard ✓		.015	45.	
22.			46.	
23.			47.	
24.			48.	

Crusher

H29071190

Crusher

H30071190

Rerun

AB+CD

(2)

✓ BM T  
7-18-90

Pit-Bench-Pattern #  
S-15-9

Submittal Date

7-11-90 1:30 PM

## BLAST HOLE

Hot NaCN Shake  
and

## FIRE DETERMINATIONS

DATE: 7/12/90  
NAME: Chad A VO

	FIRE	NaCN	FIRE	NaCN
SAMPLE	Au.	Au.	SAMPLE	Au.
1. 257		.026	25. Standard ✓	
2. 272		.015	26.	
3. 273		.010	27.	
4. 274		.009	28.	
5. 275		.010	29.	
6. 276		.018	30.	
7. 277-1		.010	31.	
8. Standard ✓		.014	32.	
9. 277-2		.009	33.	
10. ✓6		.029	34.	
11. AB-1		.046	35.	
12. AB-2		.046	36.	
13. CD-1		.041	37.	
14. CD-2		.048	38.	
15. ABZ-1		.046	39.	
16.			40.	
17.			41.	
18. ABZ-2		.043	42. Standard ✓	
19. CDZ-1		.044	43.	
20. CDZ-2		.041	44.	
21. Standard ✓		.015	45.	
22.			46.	
23.			47.	
24.			48.	

Crusher

129071190

Crusher

H30071190

Rerun

AB+CD

1@

Pit-Bench-Pattern #  
S-15-9

Submittal Date

7-12-90 8:30PM

## BLAST HOLE

Hot Back Break  
and  
FIRE DETERMINATIONSDATE: 7/13/90  
NAME: Chad A. W.

	PIRE	NaCl		PIRE	NaCl
SAMPLE	Au.	Au.		SAMPLE	Au.
1. 209		.012	25.	Standard ✓	
2. 210		-.009	26.		
3. 211		-.002	27.		
4. 212		-.003	28.		
5. 213		-.006	29.		
6. 214		-.010	30.		
7. 215		-.007	31.		
8. Standard ✓		-.015	32.		
9. 216		-.009	33.		
10. 217		-.010	34.		
11. 237		-.011	35.		
12.			36.		
13.			37.		
14.			38.		
15.			39.		
16.			40.		
17.			41.		
18.			42.	Standard ✓	
19.			43.		
20.			44.		
21.			45.		
22.			46.		
23.			47.		
24.			48.		

Pt-Bench-Pattern #

5-15-9

Submitted Date

7-11-90 1:30 PM

## BLAST HOLE

Hot NaCN Brake

rod

## FIRE DETERMINATIONS

DATE: 7/12/90NAME: Chad G W

	FIRE	NaCN		FIRE	NaCN
	SAMPLE	Au.		SAMPLE	Au.
1.	187	.004	25.	Standard ✓	.014
2.	188	.022	26.	227-1	.010
3.	189	.010	27.	227-2	.010
4.	190	.010	28.	228	.015
5.	191	.012	29.	229	.016
6.	192	.006	30.	230	.010
7.	193	.018	31.	231	.004
8.	Standard ✓	.015	32.	232	.013
9.	194	.009	33.		
10.	195	.026	34.		
11.	196	.021	35.	233	.044
12.	197	.032	36.	234	.006
13.	203	.014	37.	235	.019
14.	204	.008	38.	236	.013
15.	205	nil	39.	249	.022
16.			40.	250	.018
17.			41.	251	.024
18.	V6	.027	42.	Standard ✓	.014
19.	206	.005	43.	252	.012
20.	207	.004	44.	253	.005
21.	208	.004	45.	254	.006
22.	224	.013	46.	255	.010
23.	225	.006	47.	256	.016
24.	226	.018	48.	Standard ✓	.015

\* - 5 drops  
GrocavantPlease  
fire

X

X

Pit-Bench-Pattern #

S-15-9

Submittal Date

7-11-90

1:30 PM

## BLAST HOLE

Hot Bench Shakes

and

## FIRE DETERMINATIONS

DATE: 7/12/90NAME: Chad A WD

	FIRE	NaCN		FIRE	NaCN
	SAMPLE	Au.		SAMPLE	Au.
1.				25.	Standard ✓
2.				26.	165-1
3.				27.	165-2
4.				28.	166
5.				29.	167
6.				30.	168
7.	146	.009		31.	169
8.	Standard ✓	.014		32.	170
9.	147	.012		33.	
10.	148	.016	34.		
11.	149	.027	35.	171	.035
12.	150	.038	36.	172	.014
13.	151	.010	37.	173	.004
14.	152	.007	38.	174	.005
15.	153	.008	39.	175	.005
16.			40.	176	.012
17.			41.	177	.027
18.	✓6	.029	42.	Standard ✓	.014
19.	154	.013	43.	182	.050
20.	155	.011	44.	183	.012
21.	161	.035	45.	184	.007
22.	162	.005	46.	185	.006
23.	163	.004	47.	186	.003
24.	164	.005	48.	Standard ✓	.015

X 165-1  
X flow and st. collapse p.

Pit-Bench-Pattern #

S-15-9

Submitted Date

7-10-90 1:30 PM

## BLAST HOLE

Hot Back Stake  
and  
FIRE DETERMINATIONSDATE: 7/10/90  
NAME: Chad A

	FIRE	BACK	FIRE	BACK
	SAMPLE	AU.	SAMPLE	AU.
1.	131	.014	25.	Standard ✓
2.	132	.009	26.	
3.	133	.016	27.	
4.	141	.007	28.	
5.	142	.004	29.	
6.	143	.002	30.	
7.	144	.009	31.	
8.	Standard ✓	.015	32.	
9.	145	.004	33.	
10.	245	.025	34.	
11.	246	.021	35.	
12.	247	.012	36.	
13.	248	.022	37.	
14.	AB	.056	38.	
15.	AB	.062	39.	
16.			40.	
17.			41.	
18.	CD	.063	42.	Standard ✓
19.	CD	.057	43.	
20.	Standard ✓	.016	44.	
21.			45.	
22.			46.	
23.			47.	
24.			48.	

Crusher  
H29071090

0/2

Pit-Bench-Pattern 1

S - 15-9

Submittal Date

7-10-90 1:30 PM

## BLAST HOLE

Hot NaCl Shake

and  
FIRE DETERMINATIONS

DATE:

7/10/90

NAME:

Chad A

FIRE		NaCl		FIRE		NaCl	
SAMPLE	AU.	SAMPLE	AU.	SAMPLE	AU.	SAMPLE	AU.
1.		25.	Standard ✓		,014		
2.		26.	104-1		,006		
3.		27.	104-2		,005		
4.		28.	105		,009		
5.		29.	106		,006		
6.	65	30.	107		,016		
7.	66	31.	108		,024		
8.	Standard ✓	32.	109		,025		
9.	67	33.					
10.	81	34.					
11.	82	35.	110		,016		
12.	83	36.	111		,011		
13.	84	37.	121		,005		
14.	85	38.	122		,004		
15.	86	39.	123		,007		*
16.		40.	124		,002		
17.		41.	125		,006		
18.	✓6	42.	Standard ✓		,014		
19.	87	43.	126		,011		
20.	88	44.	127		,014		
21.	89	45.	128		,030		
22.	101	46.	129		,019		
23.	102	47.	130		,010		
24.	103	48.	Standard ✓		,014		

f

## 0116 Edge Project

Pit-Bench-Pattern 9

S-15-9

Submitted Date

7-9-90 1:10 pm

## BLAST HOLE

Bottom Bench Stake  
and  
FIRE DETERMINATIONSDATE 7-10-90NAME VO

## FIRE

## NaCN

## FIRE

## NaCN

SAMPLE	AU.	AU.	SAMPLE	AU.	AU.
1.		.008	25.	Standard ✓	
2.	21	.008	26.		
3.	22	.015	27.		
4.	23	.004	28.		
5.	4pulp	.026	29.		
6.	41	.005	30.		
7.	42	.010	31.		
8.	Standard ✓	.015	32.		
9.	43-1	.014	33.		
10.	43-2	.015	34.		
11.	44	.015	35.		
12.	45	.006	36.		
13.	61	.003	37.		
14.	62	.009	38.		
15.	63	.006	39.		
16.			40.		
17.			41.		
18.	64	.009	42.	Standard ✓	
19.			43.		
20.			44.		
21.			45.		
22.			46.		
23.			47.		
24.			48.		

S-15-10

5-15-10 VOK 7-20-90

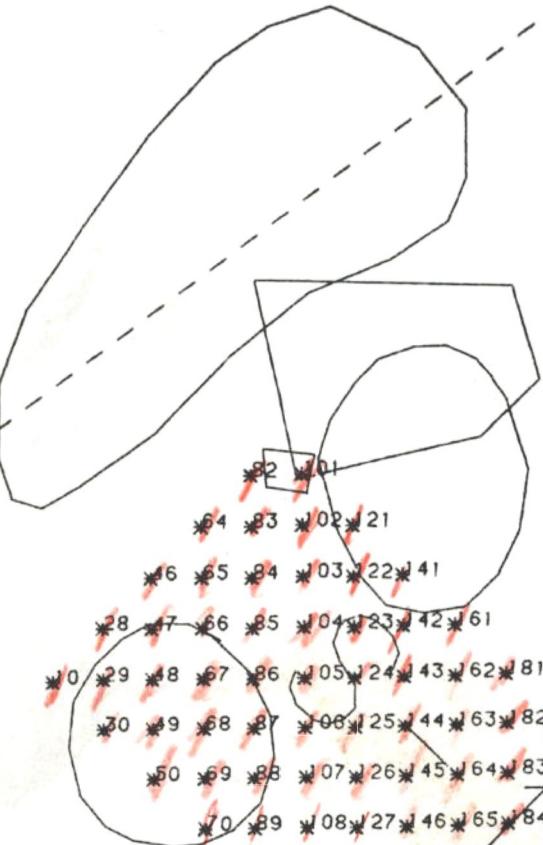
checked 12-21-90  
MAZ

S15	10	10	3-	0.041-	0.038-
S15	10	28	3-	0.060-	
S15	10	29	3-	0.051-	
S15	10	30	3-	0.110-	
S15	10	46	3-	0.057-	
S15	10	47	3-	0.050-	
S15	10	48	3-	0.039-	
S15	10	49	3-	0.054-	
S15	10	50	3-	0.032-	
S15	10	64	3-	0.047-	
S15	10	65	3-	0.084 -	0.073-
S15	10	66	3-	0.061-	
S15	10	67	3-	0.079-	
S15	10	68	3-	0.025-	
S15	10	69	3-	0.023-	
S15	10	70	3-	0.033-	
S15	10	82	3-	0.037-	
S15	10	83	3-	0.030-	
S15	10	84	3-	0.092 -	0.089-
S15	10	85	3-	0.094-	
S15	10	86	3-	0.051 -	0.048-
S15	10	87	3-	0.041-	
S15	10	88	3-	0.038-	
S15	10	89	3-	0.015-	
S15	10	90	3-	0.041-	
S15	10	101	3-	0.143-	0.064-
S15	10	102	3-	0.033-	
S15	10	103	3-	0.042-	
S15	10	104	3-	0.021 -	0.018-
S15	10	105	3-	0.036-	
S15	10	106	3-	0.048-	
S15	10	107	3-	0.034-	
S15	10	108	3-	0.035-	
S15	10	109	3-	0.060-	
S15	10	110	3-	0.143-	
S15	10	121	3-	0.089-	
S15	10	122	3-	0.023-	
S15	10	123	3-	0.024 -	0.024-
S15	10	124	3-	0.018 -	0.017-
S15	10	125	3-	0.042-	
S15	10	126	3-	0.029-	
S15	10	127	3-	0.081-	
S15	10	128	3-	0.025-	
S15	10	129	3-	0.027-	
S15	10	130	3-	0.059 -	0.055-
S15	10	141	3-	0.025-	
S15	10	142	3-	0.052-	
S15	10	143	3-	0.048-	
S15	10	144	3-	0.035 -	0.033-
S15	10	145	3-	0.048-	
S15	10	146	3-	0.021 -	0.019-
S15	10	147	3-	0.017-	
S15	10	148	3-	0.010-	
S15	10	149	3-	0.050 -	0.052-
S15	10	150	3-	0.015-	
S15	10	161	3-	0.040	

S15	10	162	3	0.044
S15	10	163	3	0.030
S15	10	164	3	0.186
S15	10	165	3	0.030
S15	10	166	3	0.034
S15	10	167	3	0.018
S15	10	168	3	0.026
S15	10	169	3	0.027
S15	10	170	3	0.009
S15	10	181	3	0.013
S15	10	182	3	0.020
S15	10	183	3	0.025
S15	10	184	3	0.013
S15	10	185	3	0.027
S15	10	186	3	0.027
S15	10	187	3	0.010
S15	10	188	3	0.015
S15	10	189	3	0.016
S15	10	190	3	0.009
S15	10	201	3	0.013
S15	10	202	3	0.014
S15	10	203	3	0.007
S15	10	204	3	0.012
S15	10	205	3	0.029
S15	10	206	3	0.032
S15	10	207	3	0.022
S15	10	208	3	0.033
S15	10	209	3	0.050
S15	10	210	3	0.009
S15	10	221	3	0.006
S15	10	222	3	0.017
S15	10	223	3	0.005
S15	10	224	3	0.010
S15	10	225	3	0.020
S15	10	226	3	0.013
S15	10	227	3	0.031
S15	10	228	3	0.035
S15	10	229	3	0.043
S15	10	230	3	0.012
S15	10	241	3	0.008
S15	10	242	3	0.007
S15	10	243	3	0.024
S15	10	244	3	0.003
S15	10	245	3	0.008
S15	10	246	3	0.004
S15	10	247	3	0.005
S15	10	248	3	0.007
S15	10	249	3	0.007
S15	10	250	3	0.010
S15	10	261	3	0.014
S15	10	262	3	0.003
S15	10	263	3	0.008
S15	10	264	3	0.008
S15	10	265	3	0.005
S15	10	266	3	0.004
S15	10	267	3	0.013

S15	10	268	2	0.007
S15	10	269	3	0.009
S15	10	270	3	0.007
S15	10	271	3	0.006
S15	10	272	3	0.008
S15	10	273	3	0.004
S15	10	274	3	0.011
S15	10	275	3	0.003
S15	10	276	3	0.041
S15	10	277	3	0.004
S15	10	278	2	0.014
S15	10	279	2	0.005
S15	10	280	2	0.005
S15	10	281	1	0.002
S15	10	282	3	0.003
S15	10	283	3	0.004
S15	10	284	3	0.011
S15	10	285	3	0.003
S15	10	286	3	0.041
S15	10	287	3	0.004
S15	10	288	2	0.014
S15	10	289	2	0.005
S15	10	290	2	0.005
S15	10	291	1	0.002
S15	10	292	3	0.003
S15	10	293	3	0.003
S15	10	294	3	0.006
S15	10	295	3	0.010
S15	10	296	1	0.003
S15	10	297	2	0.007
S15	10	298	2	0.003
S15	10	299	1	0.006
S15	10	300	1	0.004
S15	10	301	1	0.002
S15	10	302	3	0.003
S15	10	303	3	0.003
S15	10	304	3	0.006
S15	10	305	3	0.010
S15	10	306	1	0.003
S15	10	307	2	0.007
S15	10	308	2	0.003
S15	10	309	1	0.006
S15	10	310	1	0.004
S15	10	322	3	0.007
S15	10	323	2	0.012
S15	10	324	1	0.003
S15	10	325	2	0.005
S15	10	326	2	0.007
S15	10	327	2	0.009
S15	10	328	2	0.016
S15	10	329	2	0.009
S15	10	330	2	0.012
S15	10	342	3	0.003
S15	10	343	3	0.007
S15	10	343	3	0.006
S15	10	344	2	0.007
S15	10	345	2	0.004
S15	10	346	2	0.015
S15	10	347	1	0.002
S15	10	348	1	0.006
S15	10	349	2	0.005
S15	10	363	2	0.005
S15	10	364	2	0.004
S15	10	365	3	0.019
S15	10	366	2	0.015
S15	10	367	2	0.010
S15	10	368	1	0.007
S15	10	383	2	0.003
S15	10	384	2	0.002
S15	10	385	2	0.007
S15	10	386	2	0.003
S15	10	403	1	0.002
S15	10	404	2	0.005
S15	10	405	2	0.003
S15	10	500	3	0.005
S15	10	501	3	0.004
S15	10	502	3	0.005

s15	10	503	2 ( )	0.004 ( )
s15	10	504	3 ( )	0.012 ( )
s15	10	505	3 ( )	0.009 ( )
s15	10	506	2 ( )	0.004 ( )
s15	10	507	2 ( )	0.002 ( )
s15	10	508	2 ( )	0.001 ( )
s15	10	509	2 ( )	0.002 ( )
s15	10	510	2 ( )	0.003 ( )
s15	10	511	2 ( )	0.004 ( )
s15	10	512	1 ( )	0.005 ( )



S-15-10  
9.2' x 18.4'  
STAGGER

\*10 \*29 \*48 \*67 \*86 \*205 \*224 \*243 \*262 \*281  
\*30 \*49 \*68 \*87 \*206 \*225 \*244 \*263 \*282 \*301

\*50 \*69 \*88 \*207 \*226 \*245 \*264 \*283 \*302 \*321  
\*70 \*89 \*208 \*227 \*246 \*265 \*284 \*303 \*322

\*90 \*209 \*228 \*247 \*266 \*285 \*304 \*323

\*210 \*229 \*248 \*267 \*286 \*305 \*324 \*343

\*30 \*249 \*268 \*287 \*206 \*225 \*244 \*263

\*250 \*269 \*288 \*207 \*226 \*245 \*264 \*283

\*270 \*289 \*208 \*227 \*246 \*265 \*284

\*290 \*309 \*328 \*347 \*366 \*385 \*404

\*310 \*329 \*348 \*367 \*386 \*405

\*330 \*349 \*368

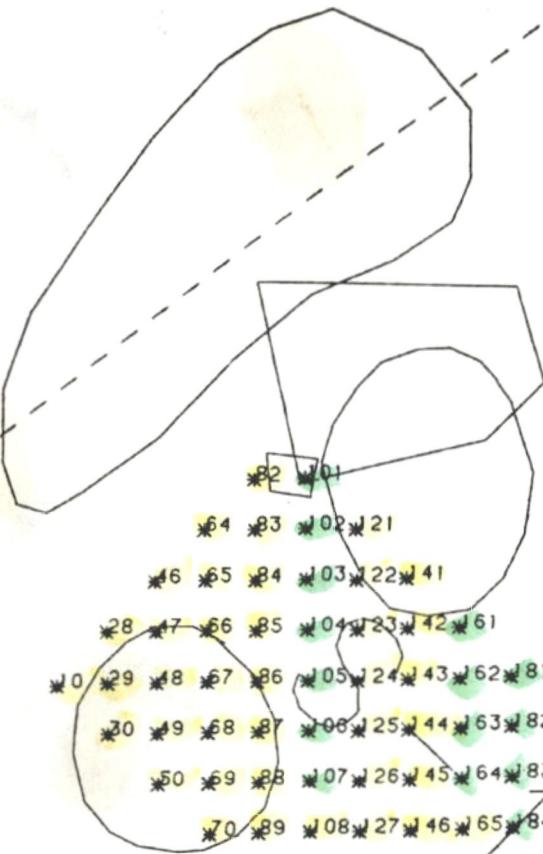
15

14

13

12

16



7-12-90

58

7-13-90

67

7-16-90

53

S-15-10  
9.2' x 18.4'  
STAGGER

ENRICO MINING CORPORATION  
BLAST HOLE ORE TYPE

DATE \_\_\_\_\_

PATTERN 5-15-10

NO.	SULF.	MIX	OXIDE												
10		X		121		X		188		X		264			X
28		X		122		X		189		X		265			X
29		X		123		X		190		X		266			X
30		X		124		X						267			X
46		X		125		X		201		X		268			X
47		X		126		X		202		X		269			X
48		X		127		X		203		X		270			X
49		X		128		X		204		X					
50		X		129		Y		205		X		281			X
				130		Y		206		X		282			X
								207		X		283			X
				141		X		208		X		284			X
64		X		142		X		209		X		285			X
65		X		143		X		210		+		286			X
66		X		144		X						287			X
67		X		145		X		221		X		288			X
68		X		146		X		222		X		289			X
69		X		147		X		223		X		290			X
70		X		148		X		224		X					
				149		X		225		X		301	X		
82		X		150		+		226		X		302			X
83		X						227		X		303			X
84		X		161		X		228		X		304			X
85		Y		162		Y		229		X		305			X
86		X		163		X		230		X		306	X		
87		X		164		Y						307			X
88		X		165		X		241		X		308			X
89		X		166		Y		242		X		309	X		
90		X		167		Y		243		X		310	X		
				168		X		244		X					
101		X		169		X		245		X		322			X
102		X		170		Y		246		X		323			X
103		X						247		X		324	X		
104		X		181		X		248		X		325			X
105		X		182		X		249		X		326			X
106		X		183		Y		250		X		327			X
107		Y		184		X						328			X
108		X		185		X		261		X		329			X
109		Y		186		Y		262		X		330			X
110		X		187		X		263		X					